

**Amendments to the Specification**

Please replace the paragraph at page 12, lines 25-27 with the following amended paragraph:

[0032] Reference is now made to Figure 2, which illustrates an example of performing error diffusion halftoning with a pair of 2-D non-separable low-pass FIR filters 212 and 216. The output signal  $o(m)$  of the quantizer 210 is supplied to the first FIR filter 212, which applies the transfer function  $\alpha K(z)$ . In doing so, the first FIR filter 212 multiplies the current and previous quantizer outputs by weights. An output of the first FIR filter 212 is summed with the product  $(1 - \alpha)o(m)$ , and the quantizer input signal  $u(m)$  is subtracted from the sum at 214 to produce the error signal  $e(m)$ . Thus  $e(m) = (1 - \alpha)o(m) + \alpha \sum_{k \in O} k(k)o(m - k) - u(m)$ .

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